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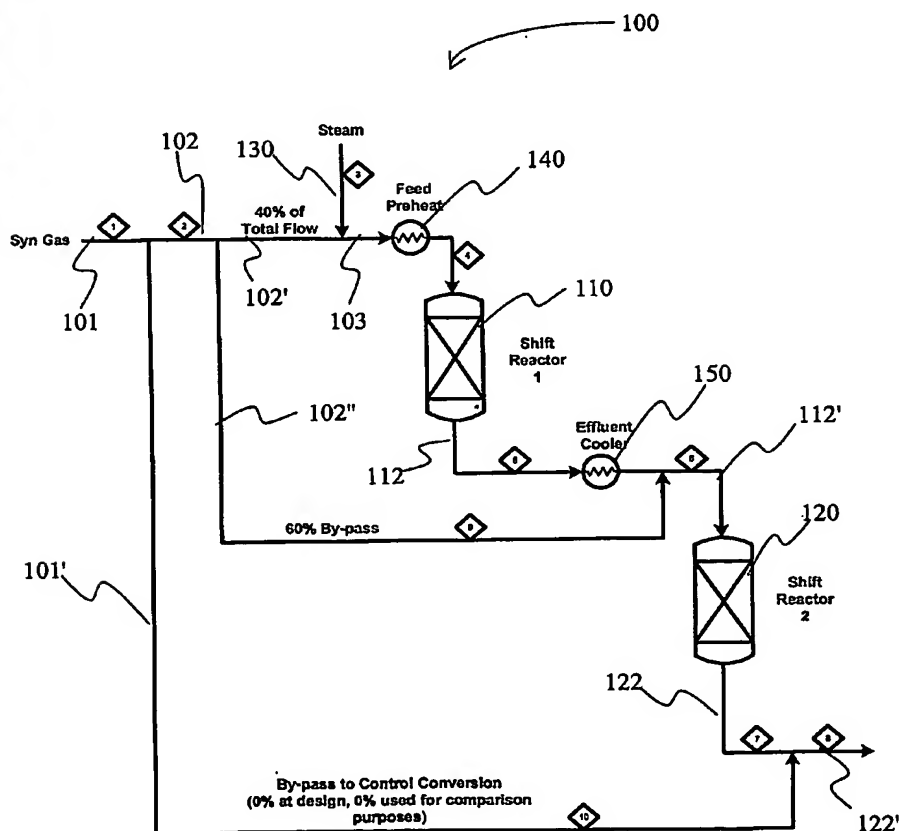
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(54) Title: IMPROVED CONFIGURATION AND PROCESS FOR SHIFT CONVERSION



(57) Abstract: The inventors discovered that a significant portion of steam in hydrogen production from syngas (and other gases with relatively high CO to H₂ ratio) is utilized for temperature control in the shift reactors. Therefore, it is contemplated that the overall steam demand can be significantly lowered by splitting the feed stream in a first and second portion, wherein the first portion is fed to a first shift reactor to form a product that is then combined with the second portion prior to entering a second shift reactor.



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